

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E60061

Employer : Columbia Machine Inc

Worksite : Columbia Machine Inc.

Street : 107 S Grand Blvd

Jurisdiction : City of Vancouver

Participation : CTR

Status : Affected

Survey Type : Paper

Response Rate : 65%

Survey Date : 4/17/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 4.6%

Drive Alone Rate : 95.4%

One-Way VMT per employee : 14.6

Average One-Way distance home to work : 16.5

Employees and Survey Response Information

Reported Total Employees at Worksite: 516

Surveys Distributed : 516

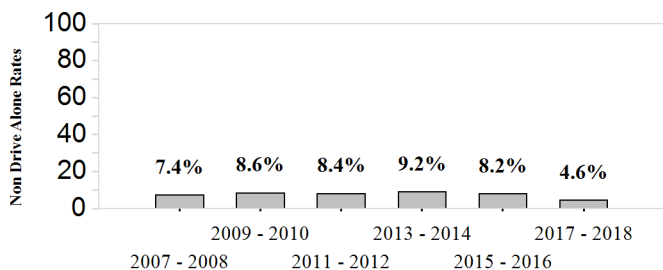
Surveys Returned : 334

Surveys Returned by CTR Affected* Employees : 252

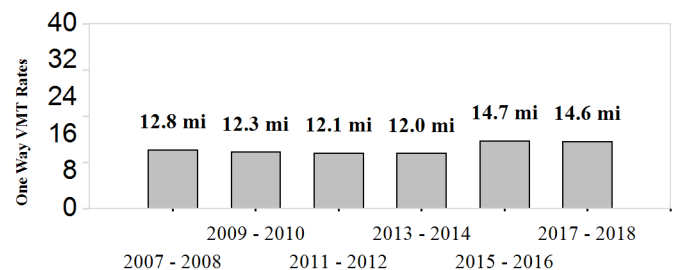
Total Estimated CTR Affected Employees at Worksite : 389

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

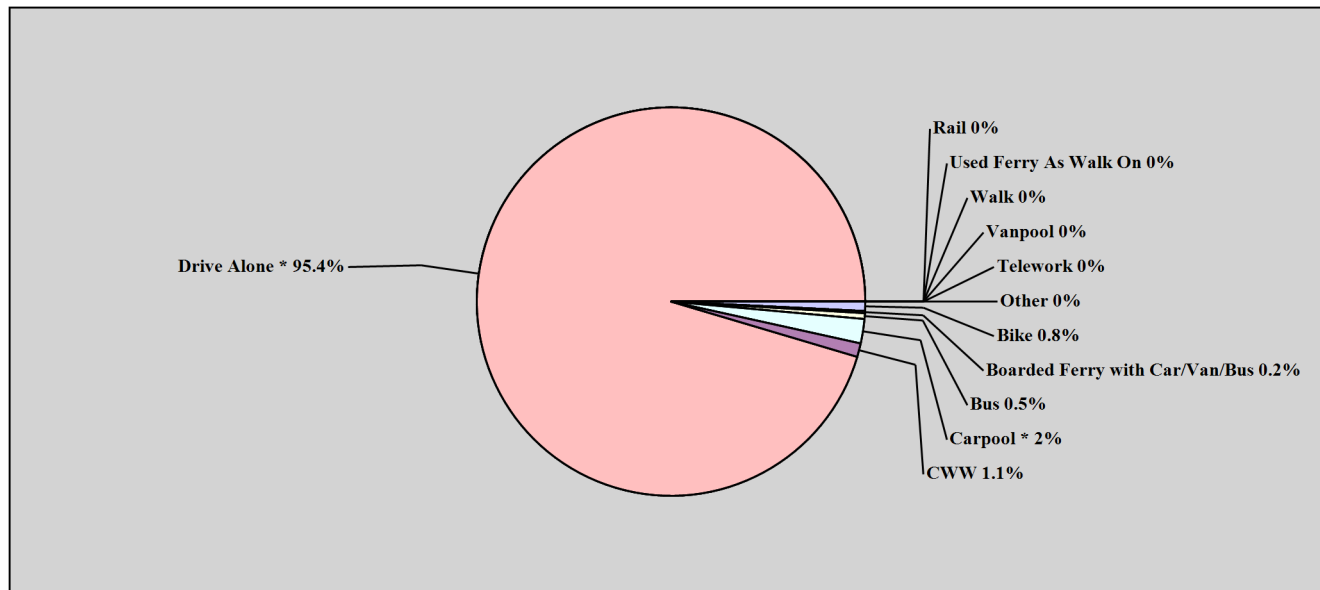
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	7.4%	7.5%	1290	1447	24.7	12.8	12.7
2009 - 2010	8.6%	7.8%	808	1102	18.8	12.3	12.5
2011 - 2012	8.4%	8.2%	803	1058	18.1	12.1	12.2
2013 - 2014	9.2%	9.1%	831	1066	18.2	12.0	12.2
2015 - 2016	8.2%	8.1%	759	1427	24.4	14.7	14.8
2017 - 2018	4.6%	3.2%	1092	1686	28.8	14.6	13.6
Target	13.4%				Target:	10.5	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-2.8				% Change from Baseline:	14.1%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



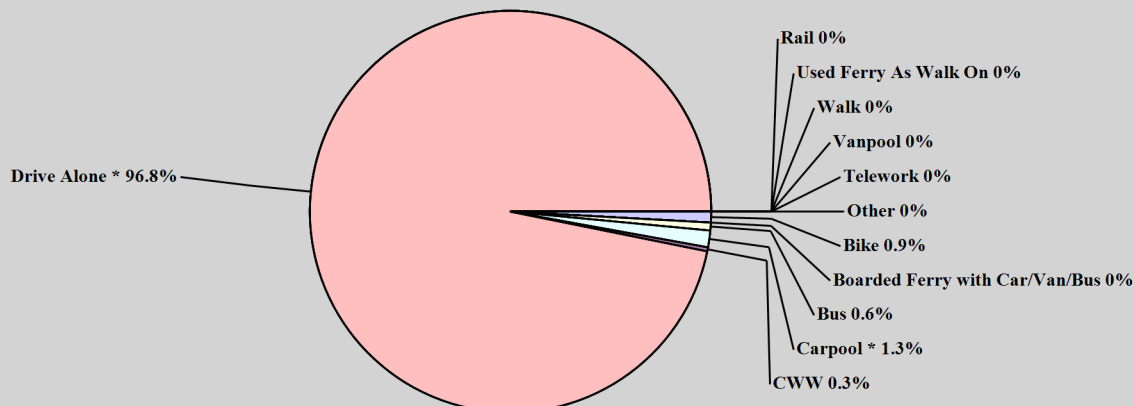
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,599	95.4%	91.8%	326	97.6%	94.2%
Carpool *	34	2.0%	4.9%	10	3.0%	5.8%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	8	0.5%	0.8%	2	0.6%	0.8%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	13	0.8%	1.8%	4	1.2%	2.5%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	0	0.0%	0.1%	0	0.0%	0.4%
CWW	19	1.1%	0.0%	17	5.1%	0.0%
Boarded Ferry with Car/Van/Bus	3	0.2%	0.0%	2	0.6%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	0	0.0%	0.6%	0	0.0%	1.2%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,223	96.8%	91.9%	246	97.6%	94.8%
Carpool *	17	1.3%	4.6%	5	2.0%	5.6%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	8	0.6%	0.9%	2	0.8%	0.9%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	11	0.9%	1.9%	3	1.2%	2.6%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	0	0.0%	0.1%	0	0.0%	0.4%
CWW	4	0.3%	0.0%	4	1.6%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	0	0.0%	0.6%	0	0.0%	1.3%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	301	90%	334	100%
1 Days	17	5%	33	10%
2 Days	4	1%	16	5%
3 Days	4	1%	12	4%
4 Days	2	1%	8	2%
5 Days	6	2%	6	2%
6 or More Days	0	0%	0	0%

Count by Occupancy of Carpools and Vanpools

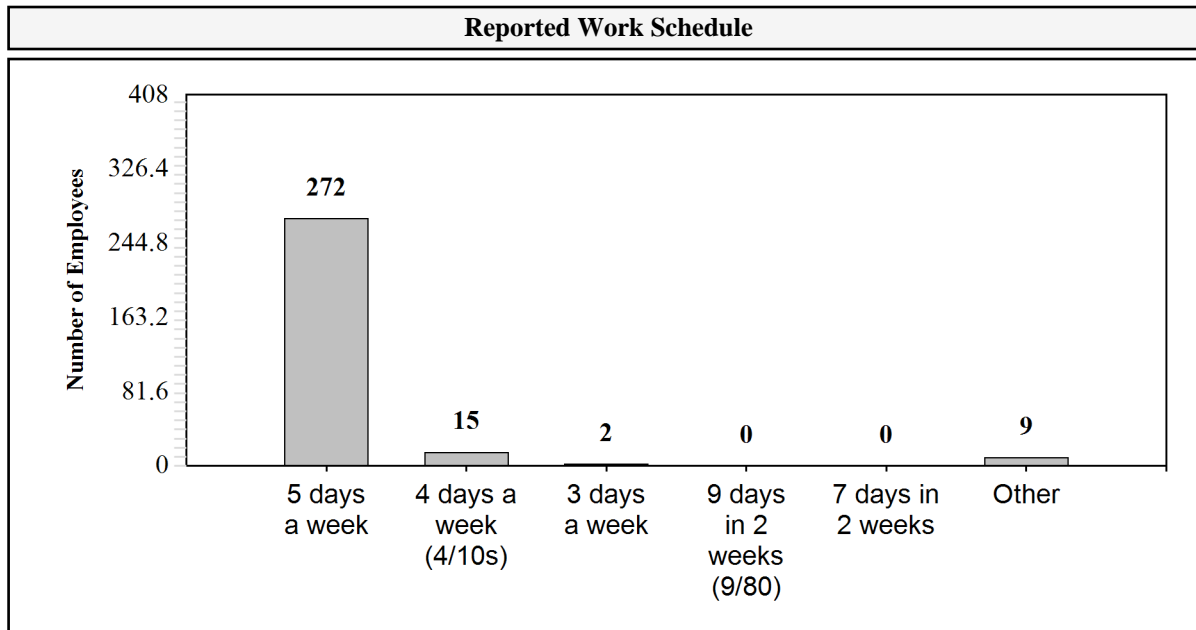
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	34
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

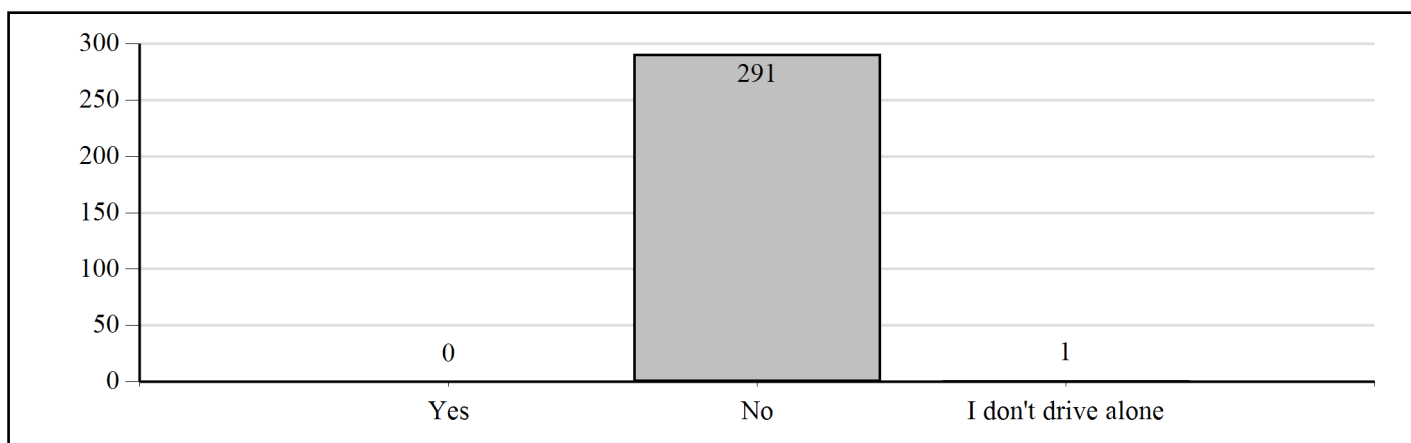
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	272	91.3%
4 days a week (4/10s)	15	5%
3 days a week	2	0.7%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	9	3%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	41	12.3%
I don't telework	275	82.3%
Occasionally, on an as-needed basis	13	3.9%
1-2 days/month	1	0.3%
1 day/week	2	0.6%
2 days/week	2	0.6%
3 days/week	0	0.0%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	71	21.5%
Other	57	17.2%
Financial incentives for carpooling, bicycling or walking.	36	10.9%
Personal health or well-being	36	10.9%
Driving myself is not an option	31	9.4%
Environmental and community benefits	29	8.8%
Emergency ride home is provided	20	6.0%
I have the option of teleworking	15	4.5%
Free or subsidized bus, train, vanpool pass or fare benefit	11	3.3%
Preferred/reserved carpool/vanpool parking is provided	8	2.4%
To save time using the HOV lane	7	2.1%
Cost of parking or lack of parking	6	1.8%
I receive a financial incentive for giving up my parking space	4	1.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	223	31.8%
Riding the bus or train is inconvenient or takes too long	176	25.1%
Family care or similar obligations	85	12.1%
My commute distance is too short	67	9.5%
Other	53	7.5%
Bicycling or walking isn't safe	49	7.0%
My job requires me to use my car for work	28	4.0%
I need more information on alternative modes	21	3.0%
There isn't any secure or covered bicycle parking	0	0.0%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98682	35	10.48%	163	5	0	4	0	0	0	0	0	3	0	0	0
98662	33	9.88%	165	0	0	2	0	0	2	0	0	1	0	0	0
98661	21	6.29%	89	0	0	11	0	0	2	0	0	0	0	0	0
98604	17	5.09%	83	0	0	0	0	0	0	0	0	2	0	0	0
98683	17	5.09%	88	0	0	0	0	0	0	0	0	0	0	0	0
98660	16	4.79%	77	1	0	2	0	0	4	0	0	0	0	0	0
98665	16	4.79%	61	4	0	0	5	0	5	0	0	2	0	0	0
98685	16	4.79%	80	0	0	1	0	0	0	0	0	0	0	0	0
98671	15	4.49%	64	9	0	0	0	0	0	0	0	2	0	0	0
98686	14	4.19%	69	0	0	0	0	0	0	0	0	1	0	0	0
98607	13	3.89%	60	5	0	0	0	0	0	0	0	1	0	0	0
98684	13	3.89%	65	0	0	0	0	0	0	0	0	1	2	0	0
98664	12	3.59%	58	0	0	0	0	0	0	0	0	0	0	0	0
98642	8	2.40%	40	0	0	0	0	0	0	0	0	0	0	0	0
98606	7	2.10%	34	0	0	0	0	0	0	0	0	2	0	0	0
98663	7	2.10%	37	0	0	0	0	0	0	0	0	0	0	0	0
98674	7	2.10%	34	0	0	0	0	0	0	0	0	0	0	0	0
	5	1.50%	25	0	0	0	0	0	0	0	0	1	0	0	0
98629	5	1.50%	25	0	0	0	0	0	0	0	0	0	0	0	0
97213	4	1.20%	19	0	0	0	0	0	0	0	0	1	0	0	0
97007	3	0.90%	10	5	0	0	0	0	0	0	0	0	0	0	0
97024	2	0.60%	10	0	0	0	0	0	0	0	0	0	0	0	0
97027	2	0.60%	11	0	0	0	0	0	0	0	0	0	0	0	0
97045	2	0.60%	11	0	0	0	0	0	0	0	0	0	0	0	0
97060	2	0.60%	9	0	0	0	0	0	0	0	0	1	0	0	0
97202	2	0.60%	11	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
97206	2	0.60%	9	0	0	0	0	0	0	0	0	1	0	0	0
97212	2	0.60%	10	0	0	0	0	0	0	0	0	0	0	0	0
97217	2	0.60%	10	0	0	0	0	0	0	0	0	0	0	0	0
97219	2	0.60%	8	0	0	0	0	0	0	0	0	0	0	0	0
97224	2	0.60%	6	3	0	0	0	0	0	0	0	0	0	0	0
98625	2	0.60%	10	0	0	0	0	0	0	0	0	0	0	0	0
98675	2	0.60%	5	0	0	0	3	0	0	0	0	0	0	0	0
97003	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97009	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97015	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97019	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97055	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97056	1	0.30%	6	0	0	0	0	0	0	0	0	0	0	0	0
97068	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97078	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97080	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97086	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97089	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97201	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97203	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97215	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97218	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97223	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97229	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97233	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97267	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
97320	1	0.30%	6	0	0	0	0	0	0	0	0	0	0	0	0
97381	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98564	1	0.30%	5	0	0	0	0	0	0	0	0	0	1	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98611	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98626	1	0.30%	4	0	0	0	0	0	0	0	0	0	0	0	0
98651	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
99689	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0